

SEQUENCE LISTING

<110> Mochida Pharmaceutical Co., Ltd.

<120> polyethyleneglycol modified peptide

<130> PCT196

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Peptide

<400> 1

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

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<210> 2

<211> 37

<212> PRT

<213> Artificial Sequence

<220> Description of Artificial Sequence:Peptide

<400> 2

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val Arg Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val Arg Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 3

<211> 37

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

<400> 3

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Arg

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln

20 25 30

Ile Arg Leu Arg Ser

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<210> 4

<211> 37

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

<400> 4

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln

20 25 30

Ile Ala Leu Arg Ser

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<210> 5

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 5

Thr Arg Phe Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Phe Leu Arg Ile His Pro Arg Ser Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

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<210> 6

<211> 37

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

<400> 6

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Asn Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Asn

20 25 30

Ile Ala Leu Arg Ser

35

<210> 7

<211> 37

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

<400> 7

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala

1 5 10 15

Leu Lys Leu Lys Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 8

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Peptide

<400> 8

Thr Arg Tyr Leu Arg Ile His Pro Lys Ser Trp Val His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Lys Ile His Pro Arg Ser Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 9

<211> 37

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

<400> 9

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala

1 5 10 15

Leu Arg Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 10

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 10

Thr Arg Ser Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Ser Leu Arg Ile His Pro Arg Ser Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 11

<211> 37

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<223> Description of Artificial Sequence:Peptide

<400> 11

Thr Arg Tyr Leu Arg Ile His Pro Arg Leu Trp Val His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Leu Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 12

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 12

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala

1 5 10 15

Leu Ser Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln

20 25 30

Ile Ala Leu Ser Ser

35

<210> 13

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 13

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Leu Val His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Leu Val His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 14

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 14

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Ser His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Ser His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 15

<211> 37

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

<400> 15

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1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile Arg Pro Arg Ser Trp Val Arg Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 16

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 16

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1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Val His Gln

20 25 30

Leu Ala Leu Arg Ser

35

<210> 17

<211> 37

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<223> Description of Artificial Sequence:Peptide

<400> 17

Thr Arg Ser Leu Arg Ile His Pro Arg Leu Trp Val His Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Ser Leu Arg Ile His Pro Arg Leu Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 18

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 18

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln Ile Ala

1 5 10 15

Leu Arg Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 19

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Peptide

<400> 19

Thr Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Leu His Gln Leu Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Leu His Gln

20 25 30

Leu Ala Leu Arg Ser

35

<210> 20

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 20

Thr Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Val His Gln Leu Ala

1 5 10 15

Leu Arg Thr Arg Tyr Leu Arg Leu His Pro Arg Ser Trp Val His Gln

20 25 30

Leu Ala Leu Arg Ser

35

<210> 21

<211> 37

<212> PRT

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<220>

<223> Description of Artificial Sequence:Peptide

<400> 21

Thr Lys Tyr Leu Lys Ile His Pro Lys Ser Trp Val His Gln Ile Ala

1 5 10 15

Leu Arg Leu Lys Tyr Leu Lys Ile His Pro Lys Ser Trp Val His Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 22

<211> 37

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

<400> 22

Thr Arg Arg Leu Arg Ile His Pro Arg Arg Trp Val His Arg Ile Ala

1 5 10 15

Leu Arg Leu Arg Arg Leu Arg Ile His Pro Arg Arg Trp Val His Arg

20 25 30

Ile Ala Leu Arg Ser

35

<210> 23

<211> 31

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

<400> 23

Thr Ile His Pro Arg Ser Trp Val His Gln Ile Ala Leu Arg Leu Arg

1 5 10 15

Tyr Leu Arg Ile His Pro Arg Ser Trp Val His Gln Ile Ala Ser

20 25 30

<210> 24

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<400> 24

Thr Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Leu His Gln Ile

1 5 10 15

Ala Leu Arg Ser

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<210> 25

<211> 37

<212> PRT

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<223> Description of Artificial Sequence:Peptide

<400> 25

Thr Ile Arg Tyr Arg Pro Ser His Gln Ile Arg Leu Arg Ala Val Leu

1 5 10 15

His Leu Trp Ile Arg Tyr Arg Pro Ser His Gln Ile Arg Leu Arg Ala

20 25 30

Val Leu His Trp Ser

35

<210> 26

<211> 37

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Peptide

<400> 26

Thr Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val Leu Gln Ile Ala

1 5 10 15

Leu Arg Leu Arg Tyr Leu Arg Ile His Pro Arg Ser Trp Val Leu Gln

20 25 30

Ile Ala Leu Arg Ser

35

<210> 27

<211> 24

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Peptide

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1 5 10 15

Leu Arg Ala Leu Leu Arg Ala Leu

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<210> 28

<211> 111

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:DNA

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<210> 29

<211> 111

<212> DNA

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<223> Description of Artificial Sequence:DNA

<400> 29

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tacttacgac ttcacccacg tagctgggtt caccaactag ctctgcgttc t 111

<210> 30

<211> 111

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence:DNA

<400> 30

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